

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Sta_301

Statistics and Probability

Quiz No.1 Fall 2022

Full Solution

Total Marks: 10

Due date 12/12/2022



***"Don't Stop When you Tired,
Stop When you Done"***

0304-4756496

MUHAMMAD ZAMAN 😊

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Quiz MGT301 Grand Quiz Se Sta301 Grand Quiz by STA301 Handouts

https://vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=dc16c860-d0a2-49d7-9f52-a1b8feb6ac3c

Question # 1 of 10 (Start time: 08:13:59 PM, 12 December 2022) Total Marks: 1

There are -----types of measure of dispersion.

Select the correct option

☒	Two
☐	Five
☐	Four
☐	Three

Click to Save Answer & Move to Next Question

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Question # 2 of 10 (Start time: 08:14:18 PM, 12 December 2022) **Total Marks: 1**

For a non-symmetric (Skewed) distributions median is than/to mean

Select the correct option

☐	Equal
☐	Less
☒	Greater or less (Not equal)
☐	Greater

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Quiz x MGT301 Grand x Sta301 Grand Q x STA301 Handou x Kurtosis is used x + -

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Question # 3 of 10 (Start time: 08:18:19 PM, 12 December 2022) Total Marks: 1

Kurtosis is used to represent the degree of peakedness/flatness about a:

Select the correct option

☒	Unimodal distribution
☐	Trimodal distribution
☐	Bimodal distribution
☐	Multinomial distribution

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Question # 4 of 10 (Start time: 08:19:15 PM, 12 December 2022) Total Marks: 1

Value of Harmonic mean depends on

Select the correct option

☐	Both a & b
☐	Few observations
☐	Extreme values
☒	All the observations

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Question # 5 of 10 (Start time: 08:20:44 PM, 12 December 2022)

Total Marks: 1

In regression line $Y=a+bX$, X is called:

Select the correct option

☐	Regressand
☒	Independent variable
☐	Dependent variable
☐	Explained variable

Click to Save Answer & Move to Next Question

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Question # 6 of 10 (Start time: 08:21:03 PM, 12 December 2022) Total Marks: 1

The distribution will be negatively skewed if:

Select the correct option

☐	Q2 closer to Q3
☐	Q1=Q2
☐	Q1=Q3
☒	Q1 closer to Q2

▶ Click to Save Answer & Move to Next Question

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Question # 7 of 10 (Start time: 08:22:13 PM, 12 December 2022) Total Marks: 1

According to Empirical rule, approximately 68% of the measurements will fall within:

Select the correct option

☐	(Mean-3S.D, Mean+3S.D)
☐	(Mean-2S.D, Mean+2S.D)
☐	None of these
☒	(Mean-S.D, Mean+S.D)

Click to Save Answer & Move to Next Question

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Quiz

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Question # 8 of 10 (Start time: 08:23:16 PM, 12 December 2022)

Total Marks: 1

When the peak of the curve becomes relatively high, it is called:

Select the correct option

☐	Mesokurtic
☒	Leptokurtic
☐	Hetrokurtic
☐	Platykurtic

Click to Save Answer & Move to Next Question

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Question # 9 of 10 (Start time: 08:24:02 PM, 12 December 2022)

Total Marks: 1

The mean of a distribution is 30, the mode is 24 and the standard deviation is 4, then the coefficient of skewness will be:

Select the correct option

☐	None of the above
☐	Equal to zero
☒	Greater than zero
☐	Less than zero

Click to Save Answer & Move to Next Question

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Question # 10 of 10 (Start time: 08:24:26 PM, 12 December 2022) Total Marks: 1

Absolute dispersion measures spread in terms of:

Select the correct option

☒	Independent of units
☐	Free of units
☐	Different units
☐	Same units

Click to Save Answer & Move to Next Question

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There is all are 100% right solved

**But there is a little chance of any
mistake**

**Please confirm your answer and also let
us to Know**

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JazakAllaH

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